High speed and high quality . . . plus new versatility

CRTronic 200 TM

Description: The CRTronic 200 is the top model of the CRTronic Family. It's designed for the user who requires more speed, greater resolution, superfonts, more storage and maximum compatibility.

And the technologically advanced CRTronic 200 is almost infinitely expandable to serve as the nucleus of a highly sophisticated and versatile typesetting system. Up to eight CRTerminals can be connected on-line.

Mergenthaler Linotype

An ALLIED Company

CRTronic™ 200

Specifications:

DISPLAY

Screen Size
9 inch diagonal, tiltable

Screen Capacity
18 lines up to 64 characters each. Includes 5 control lines and 13 text lines.

Display Format
Single column, 13 lines of 64 characters.

Character Set
256 characters and symbols, not user programmable.

Character Size
Approximately 11.5 pt. on 9 x 13 matrix

File Index
592 files/diskette

Display Memory
123 lines (7872 characters)

Typesetting Parameters
Displayed in text

Interactive Mode
Foreground hyphenation and justification with forward or backward character count, depth count and line endings. Also displays analog line-length-remainder in the form of a light bar. In addition, type face, size, leading, measure or indentation as well as the current tab column is recallable.

CONTROL AND EDITING FUNCTIONS

Scrolling
Forward and backward through visual display memory, also paging throughout diskette.

Local Search
Automatic search within screen memory for a string of up to 20 characters that match the string in the control line.

Background Search
Same as Local Search except search can be done by file, groups of files or globally through a complete diskette.

Search and Replace
40 character search/replace string e.g., search 10 characters, replace with 15; search 20 characters, replace with 20.

Modes
Insert or overwrite.

Block Definition
Any defined text can be moved, copied, saved or deleted by a single keystroke.

Delete
Single keystroke deletes character, word, sentence, block all from the cursor position.

Cursor
Left, right, up, down, home, next line, next word, previous word, start of next paragraph, foreground and background.

Mini-Floppy
592 direct accessible jobs of variable length, combined into files; two dual-density, double-sided diskette drives standard—320,000 characters per unformatted diskette.

TYPESETTING SPEEDS

MODE	SCAN LINES PER INCH	LINES PER MINUTE	WORDS PER MINUTE	CHARACTERS PER SECOND
HIGH-SPEED	635	125	875	73
STANDARD	1270	100	650	54
TYPOGRAPHERS'	2540	40	260	22

Access Methods
Direct via job number, index sequential via job names, any required sequences via job numbers or job names.

File Correction
Search, cancel, insert, amend, with automatic file management by the system.

Floppy-Diskette Directory
To be called up on visual display with job number, status of text and job name (up to 19 characters per name) corresponding to the sequences stored on floppy diskette.

Memory Keys
14 programmable keys in 3 levels for multicodes. Temporarily assigned direct from keyboard. Total available memory is 2,000 characters.

* **User-Defined Formats**
97 different formats with nesting capabilities.

* **Macro-Characters**
User programmable characters.

JUSTIFICATION/HYPHENATION

Exception-Word Dictionary
Dictionaries can be stored on diskette and recalled by file name. Total available memory is 4,000 characters.

Justification
Foreground: manual, semi-automatic, automatic
Background: automatic

Logic Hyphenation
Loads automatically with rest of program. Allows discretionary hyphenation.

INPUT/OUTPUT

Input
Movable keyboard or mini-floppy diskette.

Output
Line length 45 pica.

Point Sizes
4 to 128 in 1/10-point increments, (1241 sizes)

Font Master Capacity
A maximum of 16 different fonts are stored on one dual density, double-sided mini-floppy diskette with 121 characters per font.

Number of Required Digitizations
One master digitization produces all sizes.

Fonts On-Line
24 fonts; 9 in RAM with the 9th being a rotating font of 16 on diskette.

Expanding/Condensing
Expanded and condensed versions of all fonts are produced by independently changing set widths of the point size. 50% to 200% of original character in 1% increments.

Slanting
Digitized fonts can be slanted 12°, from 4 to 38 point.

Right/Wrong Reading
Right or wrong reading.

Baseline Jump
By input command in 1/10 pt. increments from baseline to 72 pt. minus height of character.

Tabulation
32 columns with specification of font, pt. size, measure and justification.

Horizontal/Vertical Rules
In all widths in 1/10 pt. increments from 1/10 point to 48 point.

Simultaneous Input/Output
Foreground/background operation.

Options
Line Printer
CRTerminal 200
Linotype Communication Interface
CP/M®

MISCELLANEOUS

Size/Weight
Width: 25 inches (62.5 cm)
Depth: 32 inches (81.3 cm) (with keyboard)
Height: 17½ inches (44 cm)
Weight: 143 lbs. (65 kg)

Electrical
115V, 10A, 60Hz, single phase
220V, 5A, 50HZ

Environmental
Temperature: 65° to 75°F (18° to 24°C)
Humidity factor of 50% ± 10%,
Non-condensing and static-free.
BTUs/hour: 1883

*** 6,000 character memory shared by User-Defined Formats and Macro-Characters.**

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These specifications are subject to change without notice.

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